

WHAT IS CLAIMED IS:

1. A method for providing time information to user devices via a wireless network, comprising:

configuring a plurality of transmitters in the wireless network such that a synchronization frame transmitted by each of the plurality of transmitters may be used by the user devices to identify time zone information; and

transmitting, by each of the plurality of transmitters, the synchronization frame via the wireless network.

2. The method of claim 1, wherein the synchronization frame includes a B bit field.

3. The method of claim 2, wherein the B bit field includes color code information that may be used by a user device to identify a time zone in which the user device is located.

4. The method of claim 1, wherein the wireless network comprises a ReFLEX-based network.

5. The method of claim 1, further comprising:

receiving, at a user device, the synchronization frame;

decoding a B bit field in the synchronization frame; and

determining, at the user device, local time using the decoded B bit field.

6. The method of claim 5, wherein the determining comprises:

determining a color code index based on the decoded B bit field, and
determining local time based on the color code index.

7. The method of claim 1, wherein the configuring comprises:
configured each of the plurality of transmitters in a particular time zone to transmit
color code information corresponding to a color code index within a predetermined range.

8. A system, comprising:
a plurality of transmitters, each of the plurality of transmitters configured to:
insert information in a synchronization frame, the information
corresponding to a time zone associated with the respective transmitter, and
transmit the synchronization frame via a wireless network.

9. The system of claim 8, further comprising:
a network operations center, the network operations center configured to transmit
color code information to each of the plurality of transmitters.

10. The system of claim 9, wherein each of the plurality of transmitters is further
configured to:
receive the color code information from the network operations center.

11. The system of claim 8, wherein each of the plurality of transmitters is
configured to communicate in accordance with the ReFLEX protocol.

12. The system of claim 8, further comprising:

a plurality of user devices, each of the plurality of user devices configured to:

receive the synchronization frame from one of the plurality of transmitters,

and

determine a time zone in which the respective user device is located based on the information in the synchronization frame.

13. The system of claim 12, wherein when determining the time zone, each of the plurality of user devices is configured to:

identify an index based on the information in the synchronization frame, and

determine the time zone based on the index.

14. The system of claim 12, wherein each of the plurality of user devices is further configured to:

receive UTC time information at predetermined intervals, and

determine local time based on the UTC time and the determined time zone.

15. A system, comprising:

means for providing time zone information to a user device via a synchronization frame; and

means for transmitting the synchronization frame to the user device via a wireless network.

16. The system of claim 15, wherein the means for providing comprises:

means for assigning color code information to each of a plurality of transmitters based on a time zone in which the respective transmitter is located, and

means for inserting the color code information in the synchronization frame.

17. A device, comprising:

a receiver configured to receive radio frequency (RF) signals from a transmitter, the RF signals including a synchronization signal; and

logic configured to:

decode the synchronization signal, and

identify a time zone in which the device is located based on the decoded synchronization signal.

18. The device of claim 17, wherein the device is configured to communicate in accordance with the ReFLEX protocol and time zone information is included in a B bit field of the synchronization signal.

19. The device of claim 17, wherein when identifying a time zone, the logic is configured to:

identify color code information in the synchronization signal, and

use the color code information to identify the time zone.

20. The device of claim 17, wherein the logic is further configured to:

determine a local time based on the identified time zone.

21. A method for providing time information to user devices via a wireless network, comprising:

configuring each of a plurality of transmitters to transmit identification information based on a time zone in which each respective transmitter is located; and
transmitting a frame including the identification information from each of the plurality of transmitters via the wireless network.

22. The method of claim 21, wherein the frame comprises a synchronization frame and the identification information comprises color code information.

23. The method of claim 21, further comprising:

receiving, at a user device, the frame;

decoding, at the user device, the frame; and

identifying, at the user device, time zone information based on the decoded frame.

24. The method of claim 23, further comprising:

receiving, at the user device, universal time information; and

determining local time, at the user device, based on the identified time zone information and the received universal time information.

25. The method of claim 21, wherein the configuring comprises:

assigning to each of the plurality of transmitters in a particular time zone a color code corresponding to a color code index within a predetermined range.